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Any 3-equivalenced association scheme is Frobenius

Content :

Let (Ω, S) be an association scheme where Ω is a finite set and S is a partition of $\Omega \times \Omega$.

For a positive integer k

we say that (Ω, S) is k -equivalenced if each nonidentity element of S has valency k .

In this talk we focus on 3-equivalenced association schemes to show that they are Frobenius, i.e., it is obtained from the orbitals of a Frobenius group.

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